

Product Datasheet

AIFM1 Antibody (N-term) (orb1928211)

Catalog Number	orb1928211
Category	Antibodies
Description	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Target	AIFM1 (HGNC:8768)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Immunogen	This AIFM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 70-98 amino acids from the N-terminal region of human AIFM1. Antigen Region: 70-98 aa.
UniProt ID	O95831
MW	66901 Da
Tested applications	FC, IF, IHC-P, WB
Dilution range	IF - 1:200, WB - 1:1000, IHC-P - 1:50-100, FC - 1:10-50
Antibody Type	Primary Antibody

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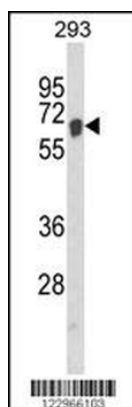
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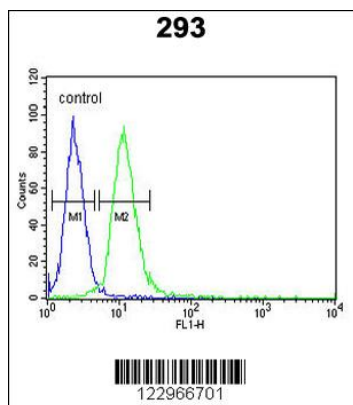
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
NCBI	NP_665811.1 , NP_004199.1 , NP_665812.1 , NP_001124319.1 , NP_001124318.1
Expiration Date	12 months from date of receipt.



Western blot analysis of AIFM1 Antibody (N-term) in 293 cell line lysates (35 ug/lane). AIFM1 (arrow) was detected using the purified Pab.



AIFM1 Antibody (N-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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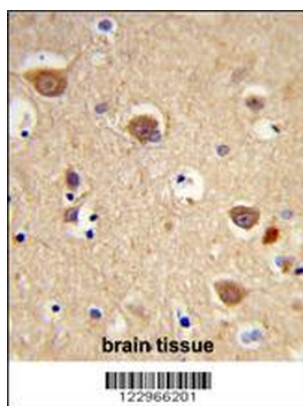
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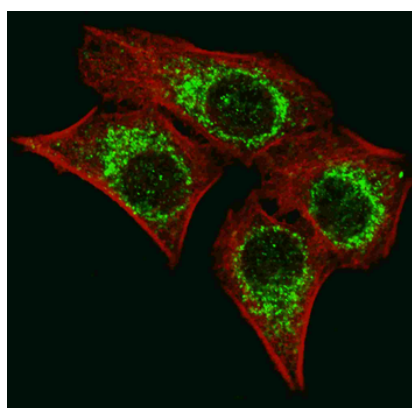
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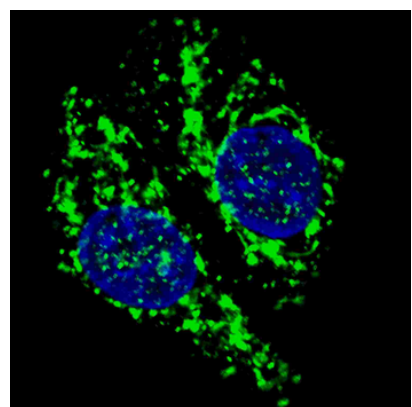
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Formalin-fixed and paraffin-embedded human brain tissue reacted with AIFM1 Antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Fluorescent image of U251 cells stained with AIFM1 (N-term) antibody. U251 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.2%, 30 min). Cells were then incubated with AIFM1 (N-term) primary antibody (1: 200, 2 h at room temperature). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:1000, 1h). Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (5.25 μ M, 25 min).



Fluorescent confocal image of U251 cells stained with AIFM1 (N-term) antibody. U251 cells were treated with Chloroquine (50 μ M, 16h), then fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.2%, 30 min). Cells were then incubated with AIFM1 (N-term) primary antibody (1: 200, 2 h at room temperature). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:1000, 1h). Nuclei were counterstained with Hoechst 33342 (blue) (10 μ g/ml, 5 min). AIFM1 (N-term) immunoreactivity is localized to the cytoplasm of U251 cells.

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